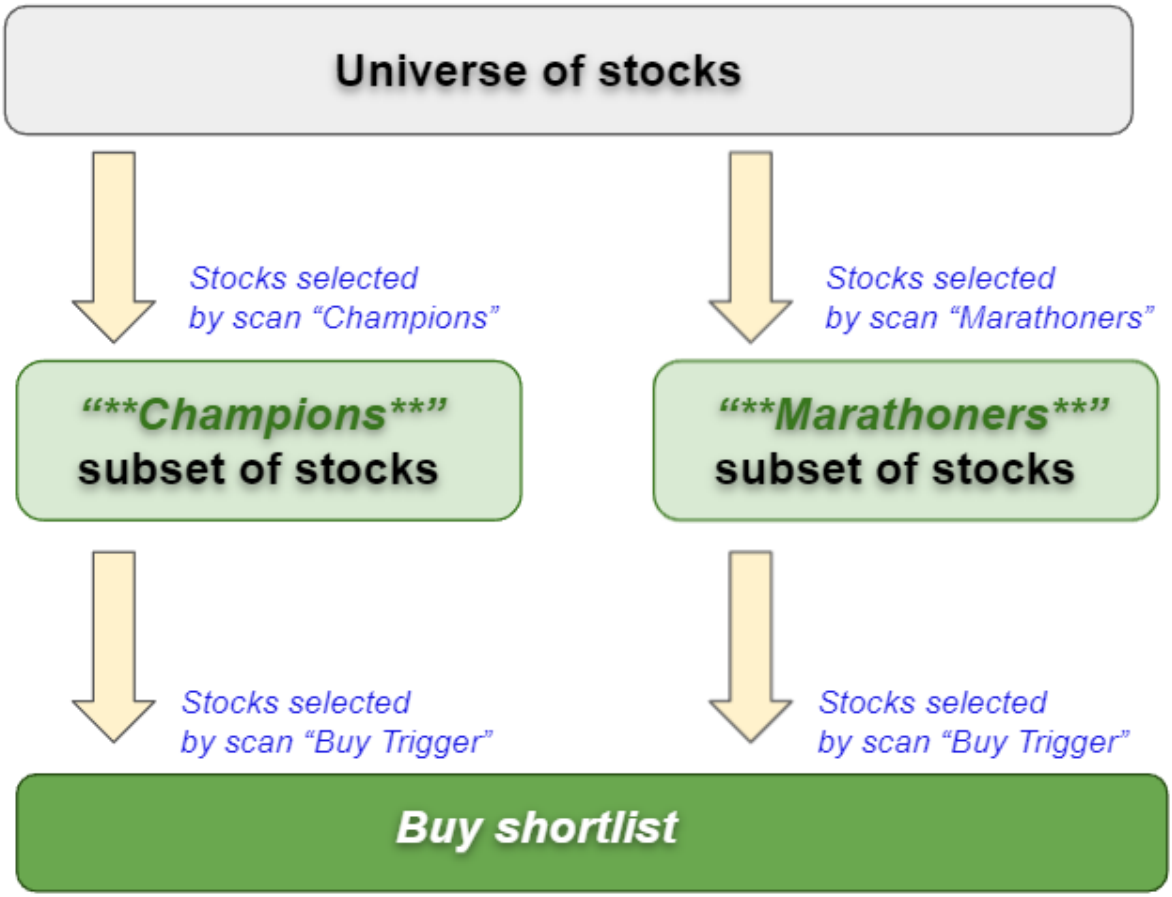
Code 10:

We have created two separate scans that look for strong trending stocks that recently have tested support of 50 Day Moving Average (“Champions”) or stocks that recently have tested support at 21 Weekly Exponential Moving average.


Universe of stocks
Stocks selected by scan “Champions”
Stocks selected by scan “Marathoners”
“***Champions**” subset of stocks
“***Marathoners**” subset of stocks
Stocks selected by scan “Buy Trigger”
Stocks selected by scan “Buy Trigger”
Buy shortlist

Those two separate scans create two subsets of stocks, two watchlists we called the “Champions” and the “Marathoners”.

It’s great that we do not need to look through thousands of stocks anymore but those two scans may still return a couple of hundreds of attractive strong trending stocks.

To select stocks that look like a buyable long setup we now need to check out Buy Trigger conditions we discussed in the previous section.

In particular we should check if any of those pre-selected stocks have just crossed over resistance of Exponential Moving Average 8 on Daily timeframe. Alternatively, we can check the crossover of MACD(5,34,3) on a daily timeframe.

In the previous section I show you how to do that manually. But the goal of this course is to teach you to automate the selection process as much as possible.

Let's simplify the process of selecting stocks that have recently met those conditions as we consider the buy triggers.

This is the code for a new ***Buy Trigger*** scan:

```
[[[close > ema(8,close)] and [yesterday close < yesterday ema(8,close)]]
or
[[MACD Hist(5,34,3) > 0.0] and [yesterday MACD Hist(5,34,3) < 0.0]]]
and [favorites list is 1] // *** Marathoners ***
```